

ABSTRACT OF THE DISCLOSURE

An apparatus and method for driving an electro-luminescent display panel and a method of fabricating the electro-luminescent display panel includes an electro-luminescent display panel having electro-luminescent light-emitting cells provided at crossings of gate lines and data lines. A current generating circuit generates a current corresponding to an externally supplied digital data. A data driver samples the current from the current generating circuit during each horizontal period to generate a data voltage corresponding to the current and applies the generated data voltage to the data lines. A timing controller controls the data driver, applies the digital data to the current generating circuit, and generates a sampling control signal. The sampling control signal controls the data driver. and applies the sampled signal to the data driver.